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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/684,737	10/14/2003	Kwang-Jea Kim	SKL.P.1	4279
7590 07/28/2005			EXAMINER	
Ray L. Weber			LEE, RIP A	
Renner, Kenner, Greive, Bobak, Taylor & Weber				
Fourth Floor			ART UNIT	PAPER NUMBER
First National Tower Akron, OH 44308-1456			1713	
			DATE MAILED: 07/28/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Caminar Art Unit		Application No.	Applicant(s)			
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. The MAILING DATE OF THIS COMMUNICATION. If the period for reply specified above is less has hirly (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. If the period for reply specified above is less has hirly (30) days, a reply with the statutory minimum of thirty (30) days will be considered timely. If the period for reply specified above is less has hirly (30) days, a reply with the statutory minimum of thirty (30) days will be considered timely. If the period for reply specified above is less has hirly (30) days, a reply be timely filled. may reduce any sealed plant term adjustment. See 37 CFR 1.704(b). Status 1) Responsive to Communication(s) filled on		·10/684,737	KIM ET AL			
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1) Responsive to communication(s) filed on	THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any					
2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-14 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are allowed. 6) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 10-14-2003 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheel(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of: 1. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of Preferences Cited (PTO-892) 1) Notice of Informal Patent Application (PTO-152)	Status					
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Art Unit: 1713

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 1-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Yagi et al. (JP 2000-290431).

Yagi et al. discloses a process comprising formulating and kneading 100 pw of rubber component, 5-100 pw of silica, 2-20 wt % of silane coupling agent (based on the weight of silica), and water or an acidic aqueous solution in an amount of 2-20 wt % based on the weight of silica (abstract). Overall, the water content of silica does not exceed 20 wt % (paragraph [0021]). Kneading takes place at an elevated temperature (120-180 °C) in a first pass, or blending stage (paragraph [0027]). The vulcanization occurs during a second pass, or stage in which the temperature is lowered to about 50 °C (paragraph [0042]). In sum, the subject matter of the instant claims is adequately disclosed in the prior art.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rip A. Lee whose telephone number is (571)272-1104. The examiner can be reached on Monday through Friday from 9:00 AM - 5:00 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wu, can be reached at (571)272-1114. The fax phone number for the organization where this application or proceeding is assigned is (703)872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on the access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll free).

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July 19, 2005

DAVID W. WU SUPERVISORY PATENT EXAMINER